		P	CT/IB2004/002324	
A. CLASSI IPC 7	FICATION OF SUBJECT MATTER H01J35/10 H01J35/30			
	o International Patent Classification (IPC) or to both national classification	cation and IPC		
	ocumentation searched (classification system followed by classification	ition symbols)		
IPC /	H01J			
Documenta	lon searched other than minimum documentation to the extent that	such documents are included	in the fields searched	
Electronic d	ala base consulted during the international search (name of data b ternal	ase and, where practical, sea	arch terms used)	
C. DOCUMI	ENTS CONSIDERED TO BE RELEVANT			
Category °	Citation of document, with indication, where appropriate, of the re-	elevant passages	Relevant to claim No.	
X	US 5 313 510 A (EBERSBERGER ET A 17 May 1994 (1994-05-17)	L)	1,2,4,5, 7,13-15, 17-20,24	
	abstract column 5, line 56 — column 6, li column 7, lines 18-40 column 8, lines 38-49 column 12, lines 27-55	ne 34		
Υ	,		1-7,13, 17-20	
Y	US 5 625 661 A (OIKAWA ET AL) 29 April 1997 (1997-04-29) column 4, line 1 - column 5, lin column 6, line 29 - column 7, li column 10, lines 1-31	e 30 ne 35	1,2,4,7, 13,17-20	
		-/		
X Furth	er documents are listed in the continuation of box C.	χ Patent family memb	pers are listed in annex.	
"A" docume "E" earlier d filling de "L" documen which i citation "O" docume other n "P" docume later th	nt which may throw doubts on priority claim(s) or s cited to establish the publication date of another or other special reason (as specified) nt referring to an oral disclosure, use, exhibition or	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family		
	June 2005	Date of mailing of the int 04/07/2005	·	
	alling address of the ISA	Authorized officer		
	European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo ni, Fax: (+31-70) 340-3016	Gols, J		

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INTERNA	TIONAL	SEARCH	REPORT
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PCT/1B2004/002324

		PC1/1B2004/002324	
C.(Continu	ation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim N	lo.
A	US 6 583 420 B1 (NELSON ROBERT S ET AL) 24 June 2003 (2003-06-24) abstract	1,5,7, 14,15, 17-20	
	column 17, line 22 - column 19, line 2		
Y	US 4 523 327 A (EVERSOLE ET AL) 11 June 1985 (1985-06-11) abstract column 3, lines 3-11 column 5, lines 45-67 claims 9,10	1-3,5,6	5
P,X	WO 2004/037088 A (KONINKLIJKE PHILIPS ELECTRONICS N.V; U.S. PHILIPS CORPORATION) 6 May 2004 (2004-05-06) page 7, line 1 - page 8, line 18 page 20, line 8 - page 24, line 2	1-3,6,7 14,15, 17-20,2	-
		,	

	mormation on patent family members		PCT/182004/002324			
Patent document clted in search report	Publication date		Patent family member(s)			Publication date
US 5313510	Α	17-05-1994	DE DE JP	4124294 4143490 5217534) C2	28-01-1993 15-04-1999 27-08-1993
US 5625661	A	29-04-1997	JP JP CN DE	3168824 7299058 1126578 19515778	3 A 3 A	21-05-2001 14-11-1995 17-07-1996 02-11-1995
US 6583420	B1	24-06-2003	US US US US US US	200320567 200402108 200320567 200320967 200320966 200400881	3 A1 5 A1 2 A1 2 A1	06-11-2003 05-02-2004 06-11-2003 13-11-2003 13-11-2003 15-01-2004
US 4523327	Α	11-06-1985	NONE			
WO 2004037088	Α	06-05-2004	US AU WO	2004081270 200326480 200403708	7 A1	29-042004 13-052004 06-052004